CLAIMS:

What is claimed is:

1.   A method for calculating a metric, said method

5 comprising:

calculating the metric for a first set of one or

more levels, wherein the metric is associated with a

plurality of measures;

calculating a portion of the plurality of

10 measures for a second set of one or more levels, wherein a

particular one of the second set of levels is a different

level of a dimension than a particular one of the first set

of levels, thereby resulting in recalculated measures; and

adding a second portion of the plurality of

15 measures along the dimension, thereby resulting in added

measures.

2.   The method of claim 1, further comprising:

receiving a request to calculate the metric for

20 the second set of one or more levels.

3.   The method of claim 1, further comprising:

determining whether each of the plurality of measures are additive measures or non-additive measures.

4.   The method of claim 3, wherein the first portion comprises the non-additive measures and wherein the second portion comprises the additive measures.

5.   The method of claim 1, further comprising:

calculating the metric with the recalculated measures and the added measures.

6.   A computer readable medium for calculating a metric, said computer readable medium comprising a plurality of executable instructions, said executable instructions for:

calculating the metric for a first set of one or more levels, wherein the metric is associated with a plurality of measures;

calculating a portion of the plurality of measures for a second set of one or more levels, wherein a particular one of the second set of levels is a different level of a dimension than a particular one of the first set of levels, thereby resulting in recalculated measures; and

adding a second portion of the plurality of measures along the dimension, thereby resulting in added measures.

5   7.   The computer readable medium of claim 6, further comprising instructions for:

receiving a request to calculate the metric for the second set of one or more levels.

10   8.   The computer readable medium of claim 6, further comprising instructions for:

determining whether each of the plurality of measures are additive measures or non-additive measures.

15   9.   The computer readable medium of claim 8, wherein the first portion comprises the non-additive measures and wherein the second portion comprises the additive measures.

10. The computer readable medium of claim 6, further
20 comprising instructions for:

calculating the metric with the recalculated measures and the added measures.